

GCN1L1 Polyclonal Antibody

| Product Details | |
|--------------------|--|
| Size | 100 µl |
| Species Reactivity | Human |
| Host/Isotope | Rabbit / IgG |
| Class | Polyclonal |
| Type | Antibody |
| Conjugate | Unconjugated |
| Immunogen | Recombinant protein corresponding to Human GCN1L1 |
| Form | Liquid |
| Concentration | 0.05 mg/mL |
| Purification | Antigen affinity chromatography |
| Storage buffer | PBS, pH 7.2, with 40% glycerol |
| Contains | 0.02% sodium azide |
| Storage Conditions | Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles. |
| RRID | AB_2641916 |

| Applications | Tested | Dilution | Published |
|----------------------------|--------|------------|-----------|
| Immunocytochemistry (ICC) | ✓ | 1-4 µg/mL | |
| Immunofluorescence (IF) | ✓ | 1-4 µg/mL | |
| Immunohistochemistry (IHC) | ✓ | 1:50-1:200 | |
| Western Blot (WB) | ✓ | 0.4 µg/mL | |

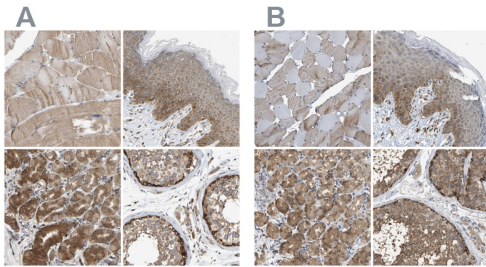
Product Specific Information

Immunogen sequence: ALKEKLGTPD EQLEMANCQA VILSVEDDTG HRIIIEDLLE ATRSPEVGMR QAAAILNIY CSRSKADYTS HLRSLVSGLI RLFNDSSPVV LEESWDALNA ITKKLDAGNQ LALIEELHKE IRLIGNESKG EHVPGFC

Highest antigen sequence identity to the following orthologs: Mouse - 97%, Rat - 96%.

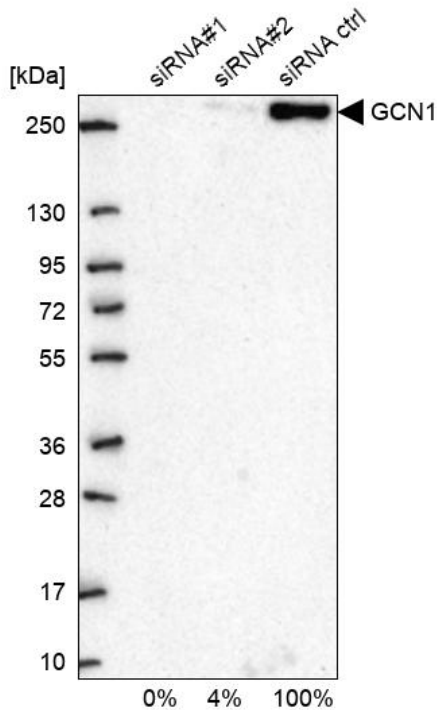
GCN1L1 Antibody (PA5-54043)

Relative expression in different tissues in IHC: Detection of differential expression levels of GCN1L1 demonstrates antibody specificity. Immunohistochemical analysis of GCN1L1 using anti-GCN1L1 Polyclonal Antibody (Product # PA5-54043), shows significant staining of GCN1L1 in human testis and shows minimal or weak staining in human liver tissues. The relative expression levels of GCN1L1 within each tissue is shown using RNA-Seq. Relative expression validation info.

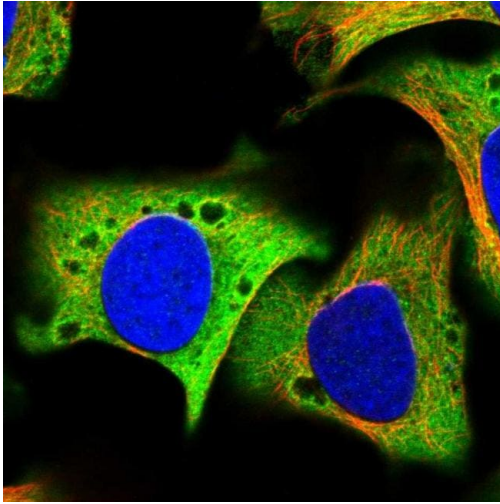


GCN1L1 Antibody (PA5-54043)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. U2OS cells were transfected with, control siRNA, GCN1L1 siRNA probe #1, and GCN1L1 siRNA probe #2 and a decrease in signal intensity was observed in Western Blot application using Anti-GCN1L1 Polyclonal Antibody (Product # PA5-54043) used at a dilution of 0.4 µg/ml. KnockDown validation info.



Product Images For GCN1L1 Polyclonal Antibody



GCN1L1 Antibody (PA5-54043) in IF

Immunofluorescent staining of GCN1L1 in human cell line U-2 OS shows positivity in cytoplasm. Samples were probed using a GCN1L1 Polyclonal Antibody (Product # PA5-54043).

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